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# United States Department of Agriculture,

## BUREAU OF ANIMAL INDUSTRY.

JOHN R. MOHLER, CHIEF OF BUREAU.

### SERVICE AND REGULATORY ANNOUNCEMENTS.

MAY, 1920.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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#### CHANGES IN DIRECTORY.

##### Meat Inspection Inaugurated.

879-E. Chamberlain & Co. (Inc.), 24 South Market Street, Boston, Mass.  
 \*564. Illinois Meat Co., Fortieth and Wallace Streets, Chicago, Ill.

##### Meat Inspection Withdrawn.

899. Walter C. Mentzer, Boston, Mass.  
 135. Armour & Co., Tifton, Ga.  
 587. Olathe Packing Co., Olathe, Kans.  
 587-A. Olathe Packing Co., Olathe, Kans.

\* Conducts slaughtering.

**Meat Inspection Temporarily Suspended.**

219. Fort Dearborn Packing Co., Chicago, Ill.  
223. Oakley Beef Co. (Inc.), Chicago, Ill.  
485. Thomas Harris, New York, N. Y.  
627. D. M. Bodine, Trenton, N. J.  
427. Richardson & Robbins Co., Dover, Del.

**Meat Inspection Reinaugurated Following Suspension.**

985-A. J. T. Polk Co., Mound City, Ill.

**Change in Name of Official Establishment.**

66. Bradley Market Co., Market and Twenty-first Street, Philadelphia, Pa., instead of Thomas Bradley.

**Station Added.**

Mound City, Ill. (substation of National Stock Yards, Ill.).

**Stations Discontinued.**

Dover, Del. (substation of Philadelphia, Pa.).  
Tifton, Ga.  
Olathe, Kans. (substation of Kansas City, Kans.).

**Changes of Officials in Charge.**

Dayton, Ohio, Dr. Morton Hattery (acting) instead of Dr. A. F. Staub.  
Indianapolis, Ind., Dr. E. Blaine Haskin, instead of Dr. J. E. Gibson. (Dr. Haskin is in charge of tuberculosis eradication and hog-cholera control.)

**Changes in Addresses of Officials in Charge.**

Dr. A. N. Smith, 92 Presumpscot Street, Woodfords Station, East Deering, Me., instead of 8 Union Mutual Building, 396 Congress Street, Portland, Me.  
(The station will be continued as Portland, Me.).

Dr. H. B. Leonard, 122 State Street, Albany, N. Y., instead of care Dr. J. G. Wills, chief veterinarian.

**Notes.**

Meat inspection extended at establishment \*59, United Dressed Beef Co., 780 First Avenue, N. Y., to include also Swift & Co.

Meat inspection withdrawn from the subsidiary Moore & Co. of Establishment 12-A, Kingan & Co. (Ltd.), Indianapolis, Ind.

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**NOTICES REGARDING MEAT INSPECTION.****RULING UNDER NET WEIGHT AND VOLUME AMENDMENT.**

Referring to the net-weight amendment as contained in the act of July 24, 1919, which construes the word "package" in the original net-weight law to include wrapped meats inclosed in papers or other materials as prepared by the manufacturers thereof for sale, the Solicitor has rendered an opinion to the effect that fresh cuts of meat—for example, whole carcasses of sheep, quarters of beef, and fresh pork loins—and cured or smoked meats, inclosed in plain loose paper or in cloth sacks which are in the nature of mere temporary coverings designed to prevent contamination while the

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\* Conducts slaughtering.



meats are being handled for transportation, are without the scope of the amendment and need not be marked with the statement of the net weight.

PAY FOR OVERTIME WORK.

In accordance with a decision of the Solicitor of the department, the instructions in Service and Regulatory Announcements of January, 1920, entitled "Pay for overtime work in unofficial establishments," are also applicable to inspections at unofficial establishments of export meats not packed in preservative.

REFRIGERATION OF PORK OR ARTICLES CONTAINING PORK FOR THE PURPOSE OF DESTROYING THE VITALITY OF TRICHINÆ.

Referring to Service and Regulatory Announcements of December, 1917, page 133, he following supplementary instructions shall be observed relative to the refrigeration of pork or articles containing pork for not less than 20 days at a temperature not higher than 5° F.:

The pork or the articles of which it is an ingredient, after chilling or preliminary freezing, shall be stored in freezers maintained during the 20-day period at a temperature not higher than 5° F. If the meat is stored in tierces it is necessary to make a sufficient allowance for time, namely, 10 days, for the temperature of the meat in the center of the tierces to drop to the required temperature; that is, in such cases the total period of refrigeration is to be extended to 30 days. If the meat is arranged on racks in layers not exceeding 6 inches in thickness or hung in separate pieces, or packed in containers, such as boxes not exceeding 6 inches in depth, or stored as frozen solid blocks after removal from such containers, the 20-day period of refrigeration need not be extended. In all such cases, however, it is important that the meat be stored in a manner that will insure a free circulation of air among the layers, pieces, blocks, or boxes of meat, in order that the temperature of the meat may be reduced promptly to the air temperature of the freezer. Accordingly, meat refrigerated for 20 days at a temperature not higher than 5° F. for the purpose of destroying the vitality of trichinæ shall be stored loosely with air spaces among the pieces or containers, and if in large containers, such as tierces, the period of refrigeration shall be extended to a total of not less than 30 days.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION,  
APRIL, 1920.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	121,289	53,943	133,415	.....	266,683
Fort Worth.....	28,499	7,094	41,097	1,255	40,986
Kansas City.....	62,601	16,837	90,490	4,541	159,839
National Stock Yards.....	27,784	10,110	15,537	.....	96,166
Omaha.....	71,110	7,915	113,873	2	206,677
St. Louis.....	11,034	4,479	3,481	.....	113,091
Sioux City.....	25,167	3,868	12,033	.....	129,935
South St. Joseph.....	24,794	4,621	65,478	.....	110,236
South St. Paul.....	21,276	41,440	6,647	.....	157,585
All other establishments.....	244,021	232,173	231,745	113	1,309,010
Total: April, 1920.....	637,575	382,420	713,796	5,911	2,590,208
April, 1919.....	622,123	383,414	807,766	11,271	3,207,671
10 months ended April, 1920.....	8,425,813	3,427,857	10,846,601	60,502	31,831,062
10 months ended April, 1919.....	9,876,844	2,955,863	9,442,580	107,987	36,926,696

Horses slaughtered, at all establishments, April, 1920, 54.

## IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during April, 1920, with figures for other periods for comparison.

### *Imports of food animals.*

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	12,901	7	3,277	785
Canada.....	8,463	30	10	18
Great Britain.....	143			
<b>Total: April, 1920.....</b>	<b>21,507</b>	<b>37</b>	<b>3,287</b>	<b>803</b>
April, 1919.....	33,241	727	6,182	345
10 months ended April, 1920.....	554,047	4,290	159,704	7,326
10 months ended April, 1919.....	382,085	23,503	172,100	24,236

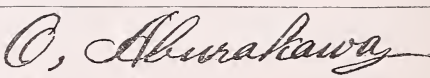
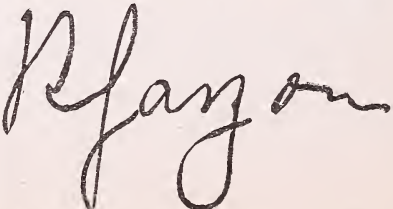
### *Imports of meat and meat food products.*

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Argentina.....			366,624		366,624
Australia.....		37,512	38		37,550
Canada.....	2,082,076	2,261,462	68,627	1,422	4,413,587
Uruguay.....			91,128	157,800	248,928
Other countries.....	1,043,698	1,439,871	11,680	10,237	2,505,486
<b>Total: April, 1920.....</b>	<b>3,125,774</b>	<b>3,738,845</b>	<b>538,097</b>	<b>169,459</b>	<b>7,572,175</b>
April, 1919.....	2,588,086	3,995,803	12,279,875	1,353,230	20,216,994
10 months ended April, 1920.....	27,968,880	14,979,663	1,819,363	5,478,749	50,246,655
10 months ended April, 1919.....	27,673,105	7,933,377	126,624,348	6,372,081	168,602,911

Condemed in April, 1920: Beef, 230 pounds; mutton, 1,120 pounds; pork, 76 pounds; total, 1,426 pounds.  
 Refused entry: Beef, 600 pounds; mutton, 2,308 pounds; pork, 25,145 pounds; total, 28,053 pounds.

## FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name.	Signature.
JAPAN.	
O. Aburakawa.	
URUGUAY.	
R. Garzon.	

## INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

## Name Added to List.

Dr. Piatt Dunn, Wade, N. Dak.

## Change in Address.

Dr. F. F. Dolan, from Willow City, N. Dak., to Maxwell, Nebr.

## Names Removed from List.

Dr. A. W. French, Cheyenne, Wyo.

Dr. I. L. James, Fargo, N. Dak.

Dr. Don McMahan, Calvin, N. Dak.

## LICENSES AND PERMITS FOR VETERINARY BIOLOGICAL PRODUCTS.

Licenses for the manufacture of veterinary biological products have been issued as follows for the calendar year 1920, under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 265):

License No.	Date.	Name and address of firm.	Products.
	1920.		
3	May 21	H. K. Mulford Co., Glen Olden, Pa....	Hemorrhagic-septicemia bacterin (equine).
5	May 26	Parke, Davis & Co., Atwater and McDougal Streets, Detroit, Mich.	Ovine hemorrhagic-septicemia bacterin; ovine hemorrhagic-septicemia vaccine.
9	May 21	Lederle Antitoxin Laboratories, Middleton Road, Pearl River, N. Y.	Anticanine-distemper serum; antihemorrhagic-septicemia serum (porcine); hemorrhagic-septicemia vaccine (for fowls).
17	May 17	Beebe Laboratories (Inc.), 155-163 West Third Street, St. Paul, Minn.	Pig-dysentery vaccine (mixed).
112-A	May 18	Fort Dodge Serum Co. (Inc.), 600 Central Avenue, Fort Dodge, Iowa.	Canine-distemper bacterin; equine-influenza bacterin; hemorrhagic-septicemia bacterin (avian); polyvalent mixed bacterin (equine).
122	May 5	The Royal Biological Laboratories, 317 Argyle Building, Twelfth and McGee Streets, Kansas City, Mo.	Anti-influenza mixed vaccine (equine); mixed infection vaccine (cuniculi).
133	May 17	The National Vaccine & Serum Co., 501 East Las Vegas Street, Colorado Springs, Colo.	Hemorrhagic-septicemia bacterin (for sheep).
147	May 5	Hygienic Manufacturing Laboratories, 601-7 Massachusetts Building, Eighth and Wall Streets, Kansas City, Mo.	Abortion bacterin (bovine); abortion vaccine (bovine).
152	May 18	Springfield Serum Co., near Springfield, Mo.	Antihog-cholera serum; hog-cholera virus.
153	May 25	The Quality Biologic Co., 86-88 North James Street, Kansas City, Kans.	Bovine hemorrhagic-septicemia bacterin.
154	May 27	Rex Serum & Vaccine Co., west of Lake and Alabama Avenues, St. Joseph, Mo.	Antihog-cholera serum; hog-cholera virus.

**QUANTITIES<sup>1</sup> OF ANTIHOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS  
PRODUCED MONTHLY, JANUARY, 1916, TO APRIL, 1920, INCLUSIVE.**

**ANTIHOOG-CHOLERA SERUM.**

Month.	1915	1916	1917	1918	1919	1920	
						Ordinary.	Clear.
	c. c.	c. c.	c. c.	c. c.	c. c.	c. c.	c. c.
January.....		3,086,264	4,757,569	21,082,516	27,875,160	17,983,339	1,729,403
February.....		2,945,505	4,183,926	16,063,230	25,958,038	22,458,127	1,944,442
March.....		5,329,881	7,603,043	22,250,142	44,806,480	31,435,360	3,798,053
April.....		11,088,251	16,907,190	34,141,846	64,835,764	44,916,421	3,608,808
May.....		18,574,267	23,625,300	47,115,333	83,731,118	.....	.....
June.....		27,219,211	28,073,405	44,073,261	82,392,312	.....	.....
July.....		29,098,874	30,883,172	45,283,744	78,482,236	.....	.....
August.....		33,820,880	32,875,664	53,380,836	64,707,396	.....	.....
September.....		31,939,779	26,224,051	56,234,135	61,531,631	.....	.....
October.....		29,069,525	26,113,281	66,723,264	45,039,470	.....	.....
November.....		19,360,241	23,645,395	63,905,283	23,465,458	.....	.....
December.....		8,563,630	23,495,088	54,042,982	20,658,154	.....	.....
Total.....	208,571,232	220,095,808	248,390,184	524,316,572	622,983,217	.....	.....

**SIMULTANEOUS VIRUS.**

January.....		201,132	393,572	512,289	625,184	1,308,377	61,591
February.....		282,067	374,271	672,888	1,349,527	1,179,791	28,548
March.....		392,913	616,989	980,589	1,105,133	2,904,496	13,759
April.....		410,178	494,408	1,025,446	1,534,975	1,145,879	16,069
May.....		517,446	778,406	933,896	1,615,163	.....	.....
June.....		928,168	943,099	1,268,159	2,570,805	.....	.....
July.....	1,022,774	1,240,275	2,196,022	2,445,959	.....	.....	.....
August.....	1,029,886	1,041,333	2,221,418	2,889,792	.....	.....	.....
September.....	1,027,874	1,558,846	2,177,159	2,221,281	.....	.....	.....
October.....	842,405	1,324,347	2,157,200	2,002,857	.....	.....	.....
November.....	505,679	1,395,116	1,099,197	1,415,558	.....	.....	.....
December.....	437,881	813,945	927,160	1,132,279	.....	.....	.....
Total.....	6,560,041	7,597,403	10,974,607	16,171,423	20,928,513	.....	.....

**HYPERIMMUNIZING VIRUS.**

January.....		1,011,938	910,027	4,441,939	5,400,923	5,718,200	.....
February.....		3,057,530	1,605,271	4,087,810	8,331,475	6,627,580	.....
March.....		3,012,437	3,505,315	7,801,431	13,931,245	12,222,378	.....
April.....		4,465,483	5,041,818	11,264,250	17,843,911	10,761,968	.....
May.....		7,634,498	6,654,729	12,469,645	20,830,829	.....	.....
June.....		9,631,585	6,903,591	10,475,102	18,065,557	.....	.....
July.....		9,486,234	8,010,087	12,035,892	15,807,234	.....	.....
August.....		10,887,147	8,231,671	17,682,295	15,663,615	.....	.....
September.....		8,696,248	5,239,965	15,109,452	10,622,425	.....	.....
October.....		7,453,164	6,107,374	20,323,447	6,103,007	.....	.....
November.....		3,122,410	5,381,167	14,058,580	4,035,132	.....	.....
December.....		1,880,199	5,874,323	8,083,511	4,504,401	.....	.....
Total.....	76,913,316	70,138,873	63,465,338	137,833,334	141,139,734	.....	.....

<sup>1</sup> These figures concern net production, whereas previous figures published in these announcements include quantities destroyed for cause when collected.

**AMENDMENTS TO THE FISCAL REGULATIONS.**

**TRAVEL AND SUBSISTENCE EXPENSES.**

By memorandum No. 309 of the Secretary of Agriculture, dated May 4, 1920, sections (h) and (u) of paragraph 83 of the Fiscal Regulations are amended, effective February 14, 1920, to read as follows:

83. *Expenses not reimbursable in addition to per diem; expenses reimbursable.*—Employees authorized to receive per diem allowances in lieu of subsistence will not be reimbursed, in addition, for—

\* \* \* \* \*

(h) Telegrams reserving hotel accommodations. \* \* \* but, in addition to the per diem allowance, may be reimbursed for expenses actually and necessarily incurred for—

\* \* \* \* \*



(u) Other expenses of transportation, including telegrams reserving Pullman accommodations: *Provided*, That payment of any fee herein mentioned in any State in which payment of such fee is prohibited by law will not be reimbursed. (See Appendix F.)

By memorandum No. 310 of the Secretary of Agriculture, dated and effective May 1, 1920, section (o) of paragraph 86 of the Fiscal Regulations is amended to read as follows:

(o) An employee assigned to temporary duty in one locality may be allowed usual subsistence expenses and street car fare on official business during the entire period of such employment, not to exceed 60 days unless otherwise specifically authorized by the Secretary in advance; but temporary absence from the designated locality during any part of such period shall serve neither to prolong the same nor to create any additional period. The time limit prescribed in this section will not apply to employees of the department traveling in the field and not assigned to temporary headquarters.

## SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, APRIL, 1920.

Station.	State.	Tuberculin tests.			Em- ploy- ees.		Total accredited herds in State.	Inspector in charge.	State official.
		Herd or lots.	Cattle tested.	Reacted.	Bureau.	State.			
Albany, N. Y. . . .	N. Y. . . .	82	1,849	216	5	4	37	H. B. Leonard. . .	D. W. McLaury, Albany.
Atlanta, Ga. . . .	Ga. . . .	22	720	1	1	1	8	W. M. MacKellar . .	P. F. Bahnsen, Atlanta.
Baltimore, Md. . .	Md. . . .	78	1,206	36	5	1	78	T. A. Ladson. . . .	R. C. Reed, Baltimore.
Birmingham, Ala. .	Ala. . . .	59	2,137	40	1	1	34	C. J. Becker. . . .	C. A. Cary, Auburn.
Bismarek, N. Dak. .	N. Dak. .	184	3,368	121	2	10	157	H. H. Cohenour. . .	W. F. Crewe, Bismarek.
Boston, Mass. . . .	Mass. . .	14	692	16	2	2	19	E. A. Crossman. . .	L. H. Howard, Boston.
Do. . . . .	Me. . . .	82	1,078	52	3	3	129	do. . . . .	W. H. Lynch, Augusta.
Do. . . . .	R. I. . . .	1	34	1	1	1	4	do. . . . .	J. S. Pollard, Providence.
Do. . . . .	Conn. . .	27	963	131	1	1	8	do. . . . .	J. M. Whittlesey, Hartford.
Do. . . . .	N. H. . . .	9	104	2	1	1	5	do. . . . .	A. L. Feiker, Concord.
Charleston, W. Va. .	W. Va. . .	57	944	2	2	2	14	Geo. W. Neff. . . .	J. H. Stewart, Charleston.
Chicago, Ill. . . .	Illinois. .	105	1,915	60	7	6	46	J. J. Lintner. . . .	A. T. Peters, Springfield.
Columbia, S. C. . .	S. C. . . .	36	809	26	2	3	27	W. K. Lewis. . . .	R. O. Feeley, Clemson Col.
Columbus, Ohio. . .	Ohio. . . .	193	2,989	115	4	8	94	Leo E. Davis. . . .	T. A. Burnett, Columbus.
Des Moines, Iowa. .	Iowa. . . .	221	4,181	462	4	4	31	F. H. Thompson . .	R. D. Wall, Des Moines.
Fort Worth, Tex. . .	Tex. . . .	104	1,373	20	1	1	1	R. E. Jackson. . . .	E. M. Wiggs, Fort Worth.
Frankfort, Ky. . . .	Ky. . . .	55	1,396	14	2	4	38	W. F. Biles. . . .	S. F. Musselman, Frankfort.
Harrisburg, Pa. . .	Pa. . . .	123	1,932	266	5	7	168	P. E. Quinn. . . .	T. E. Munce, Harrisburg.
Helena, Mont. . . .	Mont. . . .	75	2,244	14	2	2	44	R. Snyder. . . .	W. J. Butler, Helena.
Indianapolis, Ind. .	Ind. . . .	93	1,406	36	4	3	99	J. E. Gibson. . . .	L. E. Northrup, Indianapolis.
Jackson, Miss. . . .	Miss. . . .	18	557	.....	2	1	25	J. A. Barger. . . .	E. M. Ranck, Agricultural College.
Jefferson City, Mo. .	Mo. . . .	68	1,793	29	2	2	3	Ralph Graham. . .	D. F. Luckey, Jefferson City.
Lansing, Mich. . . .	Mich. . . .	76	1,615	28	5	2	66	T. S. Rich. . . .	H. H. Halladay, Lansing.
Lincoln, Nebr. . . .	Nebr. . . .	45	1,256	65	2	4	18	S. E. Cosford. . . .	W. T. Spencer, Lincoln.
Little Rock, Ark. . .	Ark. . . .	38	797	6	2	2	11	J. H. Bux. . . .	R. M. Gow, Little Rock.
Madison, Wis. . . .	Wis. . . .	155	4,448	172	7	7	137	J. S. Healy. . . .	C. P. Norgord, Madison.
Montpelier, Vt. . . .	Vt. . . .	174	3,753	185	8	5	45	A. J. De Fosset. . .	E. S. Brigham, Montpelier.
Nashville, Tenn. . .	Tenn. . . .	39	1,199	4	2	1	70	Robert Jay. . . .	M. Jacob, Nashville.
New Orleans, La. . .	La. . . .	32	1,029	13	1	1	3	R. W. Tuck. . . .	E. P. Flower, Baton Rouge.
Oklahoma, Okla. . .	Okla. . . .	93	1,089	107	3	4	1	W. C. Drake, jr. . .	J. A. Whitehurst, Oklahoma.
Pierre, S. Dak. . . .	S. Dak. . .	31	674	40	1	2	13	J. O. Wilson. . . .	A. E. Beaumont, Pierre.
Portland, Oreg. . . .	Oreg. . . .	254	2,932	110	2	2	21	S. B. Foster. . . .	W. H. Lytle, Salem.
Do. . . . .	Wash. . . .	292	2,360	65	3	5	13	do. . . . .	E. F. Benson, Olympia.
Richmond, Va. . . .	Va. . . .	119	3,086	26	6	2	315	R. E. Brookbank . .	J. G. Ferneyhough, Richmond.
Do. . . . .	N. C. . . .	41	980	11	2	2	81	do. . . . .	Wm. Moore, Raleigh.
St. Paul, Minn. . . .	Minn. . . .	211	5,731	184	8	7	387	W. J. Fretz. . . .	C. E. Cotton, St. Paul.
Salt Lake City, Utah.	Utah. . . .	108	920	6	3	2	20	F. E. Murray. . . .	R. W. Hoggan, Salt Lake City.
Do. . . . .	Idaho. . . .	187	1,472	10	1	3	3	do. . . . .	J. D. Adams, Boise.
Do. . . . .	Nev. . . .	97	649	7	1	3	1	do. . . . .	Edw. Records, Reno.
Tallahassee, Fla. . .	Fla. . . .	90	1,340	20	2	7	13	J. G. Fish. . . .	J. W. DeMilly, Tallahassee.
Topeka, Kans. . . .	Kans. . . .	47	1,300	31	3	1	58	H. M. Graef. . . .	J. H. Mercer, Topeka.
Trenton, N. J. . . .	N. J. . . .	34	972	45	1	1	26	W. G. Middleton . .	J. H. McNeil, Trenton.
Do. . . . .	Del. . . .	16	583	18	1	1	10	do. . . . .	Wesley Webb, Dover.
Washington, D. C. .	D. C. . . .	31	83	.....	1	1	8	J. A. Kiernan. . . .	
Do. . . . .	Miscel. . .	23	46	.....	1	1	.....	do. . . . .	
Total. . . . .		3,969	72,724	2,813	123	127	2,391		

## RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

### Live-Stock Quarantine Laws.

Alabama & Great Southern Railroad Co., \$100 fine and \$15.30 costs.

Louisiana Railway & Navigation Co. (2 cases), \$200 fines and \$66.38 costs.

Vicksburg, Shreveport & Pacific Railway Co. (3 cases), \$450 fines and \$117.59 costs

### Twenty-Eight-Hour Law.

Cleveland, Cincinnati, Chicago & St. Louis Railway Co. (62 cases), \$6,000 fines and \$125.83 costs.

American Express Co., \$100 fine and \$13.86 costs.

Chicago & Northwestern Railway Co. (5 cases), \$500 fines and \$29.90 costs.

Illinois Central Railroad Co., \$100 fine and \$12.55 costs.

Chicago, Milwaukee & St. Paul Railway Co. (12 cases), \$1,300 fines and \$47.70 costs.

Richmond, Fredericksburg & Potomac Railroad Co. (8 cases), \$800 fines.

Chesapeake & Ohio Railway Co. (19 cases), \$1,900 fines.

Missouri, Kansas & Texas Railway Co. (3 cases), \$300 fines and \$62.39 costs.

Wabash Railway Co., \$100 fine and \$16.11 costs.

Atlantic Coast Line Railroad Co. (4 cases), \$400 fines and \$37.80 costs.

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